

ABSTRACT OF THE DISCLOSURE

A method and apparatus is provided for managing bandwidth and prioritizing different forms of data to be transmitted from a central hub or node to a plurality of ground stations. All data of all types including image data and text data is processed into frames of TCP formatted data at the central hub or node and passed through a bandwidth flow control system which imposes flow control on the data. Some of the TCP formatted data has inserted therein a conversion flag which denotes a desire to convert the TCP formatted data into UDP formatted data. A computer or controller/converter reads the conversion flags and converts TCP formatted data into UDP formatted data for multi-broadcasting simultaneously to a plurality of ground stations which reduces bandwidth.

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